

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P935167

Luminaire Tested: SQ4-FA-100U-075D-93050-1D-UNV-STD-W-8-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935167
REPORT IS A COMBINATION OF REPORTS P933744 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-075D-93050-1D-UNV-STD-W-8-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

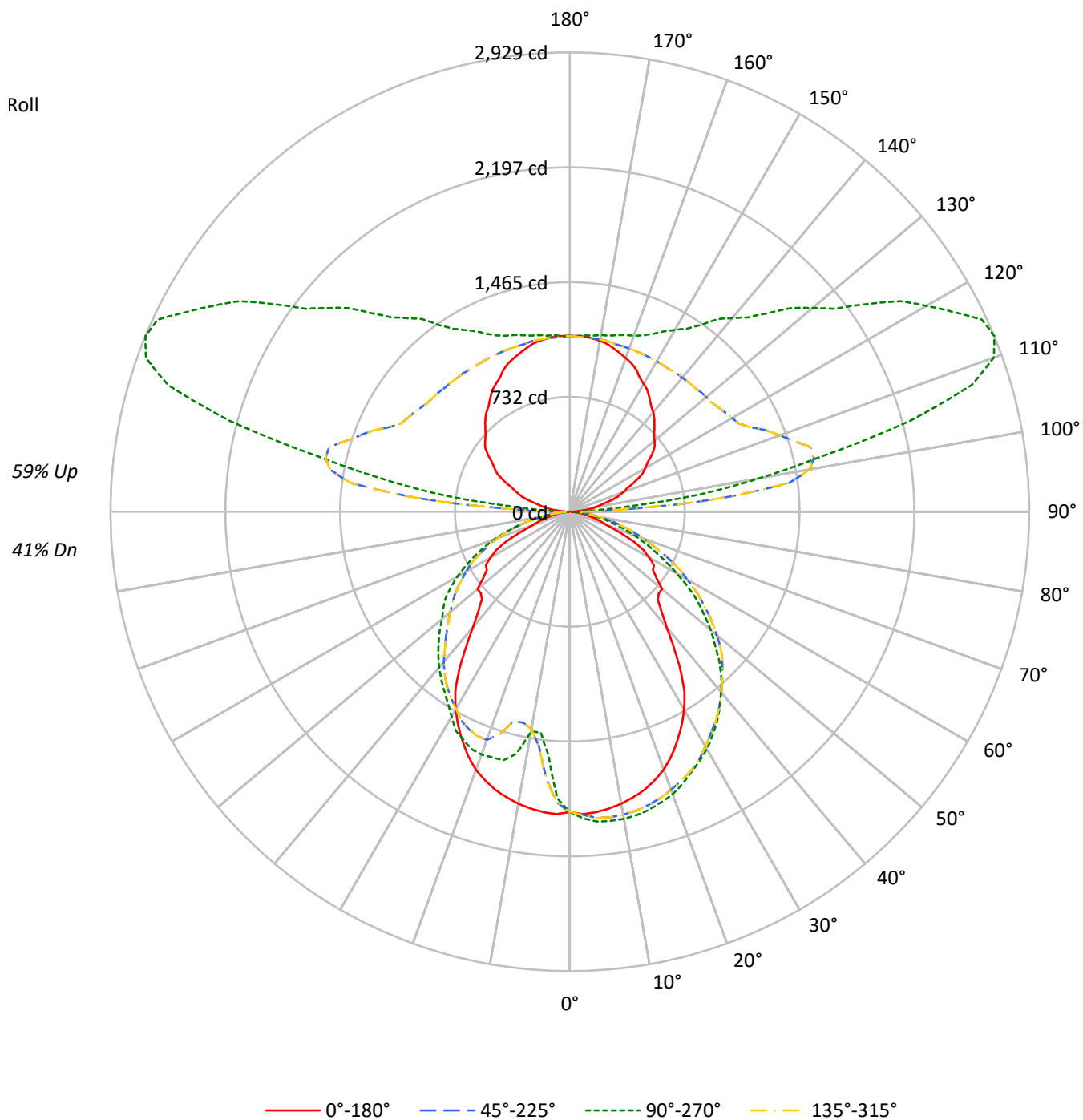
Lumens per Lamp: N/A
Luminaire Lumens: 12238.7 lumens
Efficiency: N/A
Efficacy: 124.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 98.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	105	105	105	105	96	96	96	96	78	78	78	62	62	62	47	47	47			41
1	96	91	88	84	87	83	80	77	68	66	64	55	53	52	42	41	40			34
2	87	80	74	69	79	73	68	63	60	56	53	48	45	43	37	35	34			29
3	79	70	63	57	72	64	58	53	53	48	45	42	39	37	33	31	29			24
4	73	62	54	48	66	57	50	45	47	42	38	38	34	31	29	27	25			21
5	67	55	47	41	60	51	44	38	42	37	33	34	30	27	26	24	22			18
6	61	49	41	36	56	45	38	33	38	32	28	31	27	24	24	21	19			16
7	57	45	37	31	51	41	34	29	34	29	25	28	24	21	22	19	17			14
8	52	40	33	27	48	37	30	26	31	26	22	25	21	18	20	17	15			13
9	49	37	29	24	44	34	27	23	28	23	20	23	19	17	18	16	13			11
10	46	34	26	22	41	31	25	20	26	21	18	21	18	15	17	14	12			10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8877	8877	8877	8877
5°	8944	8961	8944	7046
10°	8884	8827	8884	6311
15°	8787	8636	8787	7212
20°	8604	8410	8604	7226
25°	8227	8079	8227	7073
30°	7741	7805	7741	6737
35°	6901	7458	6901	6368
40°	5751	7049	5751	6088
45°	5138	6571	5138	5767
50°	5459	6001	5459	5446
55°	5136	5387	5136	5259
60°	5294	4575	5294	4817
65°	4801	3782	4801	4227
70°	3323	3014	3323	3544
75°	2915	2228	2915	2667
80°	2348	1473	2348	1604
85°	1351	780	1351	664

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 7875 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	172.7	1.4
10°-20°	490.4	4.0
20°-30°	758.1	6.2
30°-40°	905.0	7.4
40°-50°	910.3	7.4
50°-60°	792.1	6.5
60°-70°	561.6	4.6
70°-80°	297.1	2.4
80°-90°	78.3	0.6
90°-100°	546.9	4.5
100°-110°	1437.8	11.7
110°-120°	1490.9	12.2
120°-130°	1195.9	9.8
130°-140°	938.3	7.7
140°-150°	720.2	5.9
150°-160°	518.7	4.2
160°-170°	317.4	2.6
170°-180°	107.2	0.9
0°-30°	1421.2	11.6
0°-40°	2326.1	19.0
0°-60°	4028.5	32.9
0°-90°	4965.5	40.6
90°-120°	3475.6	28.4
90°-150°	6330.0	51.7
90°-180°	7273.0	59.4
0°-180°	12238.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1913	1913	1913	1913	1913	
5°	1922	1982	1922	1559	1922	182
15°	1836	1964	1836	1640	1836	516
25°	1616	1832	1616	1604	1616	742
35°	1229	1635	1229	1396	1229	760
45°	793	1347	793	1182	793	635
55°	646	994	646	970	646	594
65°	449	599	449	670	449	429
75°	170	284	170	340	170	179
85°	29	72	29	62	29	39
90°	8	29	8	29	8	7
95°	72	331	72	331	72	80
105°	259	2251	259	2251	259	275
115°	460	2899	460	2899	460	454
125°	640	2309	640	2309	640	568
135°	763	1791	763	1791	763	590
145°	885	1453	885	1453	885	554
155°	1000	1252	1000	1252	1000	459
165°	1079	1166	1079	1166	1079	305
175°	1122	1130	1122	1130	1122	107
180°	1122	1122	1122	1122	1122	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4
2.5°	1929.7	1929.7	1940.6	1944.2	1944.2	1938.8	1933.3	1938.8	1955.1	1960.5	1958.7
5°	1922.5	1937.0	1956.9	1960.5	1964.1	1962.3	1958.7	1962.3	1980.4	1984.0	1985.8
7.5°	1908.0	1935.1	1960.5	1965.9	1971.4	1965.9	1964.1	1967.7	1985.8	1989.5	1989.5
10°	1889.9	1927.9	1956.9	1960.5	1965.9	1960.5	1960.5	1967.7	1985.8	1989.5	1991.3
12.5°	1864.5	1917.0	1944.2	1947.8	1955.1	1953.2	1951.4	1958.7	1976.8	1980.4	1980.4
15°	1835.6	1897.1	1922.5	1926.1	1938.8	1935.1	1935.1	1942.4	1962.3	1967.7	1965.9
17.5°	1795.7	1871.8	1900.7	1906.2	1915.2	1913.4	1915.2	1922.5	1940.6	1944.2	1946.0
20°	1750.5	1837.4	1871.8	1877.2	1886.3	1886.3	1886.3	1895.3	1913.4	1920.7	1920.7
22.5°	1688.9	1801.2	1837.4	1841.0	1851.9	1851.9	1855.5	1868.2	1884.5	1886.3	1886.3
25°	1616.5	1761.4	1792.1	1803.0	1813.9	1819.3	1824.7	1832.0	1837.4	1835.6	1837.4
27.5°	1540.5	1710.7	1750.5	1757.7	1772.2	1777.6	1784.9	1786.7	1788.5	1793.9	1790.3
30°	1455.4	1640.1	1699.8	1707.0	1730.6	1734.2	1727.0	1730.6	1739.6	1743.2	1746.9
32.5°	1359.5	1535.1	1647.3	1663.6	1685.3	1674.5	1672.6	1678.1	1692.6	1692.6	1696.2
35°	1229.1	1453.6	1598.4	1612.9	1629.2	1616.5	1623.8	1625.6	1634.6	1640.1	1638.3
37.5°	1086.1	1383.0	1547.7	1558.6	1571.3	1555.0	1565.8	1571.3	1578.5	1574.9	1574.9
40°	959.5	1272.6	1488.0	1495.2	1506.1	1493.4	1504.3	1507.9	1511.5	1507.9	1506.1
42.5°	865.3	1151.3	1424.6	1433.7	1426.4	1435.5	1439.1	1446.4	1440.9	1433.7	1433.7
45°	792.9	1118.7	1355.8	1366.7	1355.8	1370.3	1375.8	1375.8	1359.5	1355.8	1354.0
47.5°	769.4	1053.6	1287.0	1287.0	1281.6	1299.7	1308.8	1296.1	1279.8	1274.4	1274.4
50°	767.6	981.2	1192.9	1185.7	1211.0	1232.7	1223.7	1211.0	1198.3	1178.4	1178.4
52.5°	697.0	892.5	1071.7	1098.8	1138.6	1151.3	1136.8	1124.1	1102.4	1093.3	1086.1
55°	646.3	800.2	961.3	1015.6	1057.2	1073.5	1046.4	1033.7	1001.1	995.7	992.1
57.5°	635.4	666.2	859.9	928.7	979.4	977.6	961.3	937.7	910.6	905.2	903.4
60°	582.9	481.5	751.3	832.7	885.2	879.8	865.3	843.6	818.3	814.6	811.0
62.5°	528.6	349.4	628.2	720.5	794.7	792.9	780.2	747.7	729.6	720.5	713.3
65°	449.0	293.3	447.1	599.2	706.0	709.6	682.5	659.0	639.0	628.2	626.4
67.5°	342.2	239.0	302.3	499.6	620.9	617.3	582.9	572.1	546.7	541.3	530.4
70°	253.4	159.3	210.0	405.5	537.7	528.6	501.5	488.8	465.3	452.6	445.3
72.5°	210.0	128.5	153.9	315.0	452.6	441.7	418.2	403.7	383.8	372.9	365.7
75°	170.2	135.8	117.7	233.5	367.5	360.3	338.5	324.0	307.8	293.3	295.1
77.5°	124.9	126.7	94.1	172.0	291.5	280.6	267.9	249.8	242.6	228.1	228.1
80°	94.1	99.6	70.6	117.7	210.0	210.0	199.1	186.5	173.8	166.5	166.5
82.5°	63.4	63.4	52.5	74.2	143.0	137.6	130.3	126.7	119.5	115.9	115.9
85°	29.0	36.2	32.6	45.3	77.8	81.5	81.5	77.8	76.0	72.4	74.2
87.5°	9.1	16.3	19.9	25.3	39.8	41.6	43.4	43.4	43.4	45.3	45.3
90°	7.5	13.6	19.6	21.1	33.1	49.2	57.2	50.9	38.1	28.6	28.6
92.5°	30.1	81.4	132.6	145.4	204.3	283.0	322.2	282.4	202.8	143.1	137.4
95°	72.3	166.0	259.7	283.1	502.7	795.5	942.0	840.6	637.8	485.7	468.5
97.5°	125.0	207.6	290.4	311.0	677.2	1165.5	1409.6	1345.5	1217.4	1121.2	1088.5
100°	165.6	240.6	315.6	334.4	740.7	1282.5	1553.4	1558.1	1567.5	1574.5	1535.4
102.5°	200.3	270.2	340.2	357.6	769.7	1319.3	1594.1	1675.7	1839.1	1961.6	1928.1
105°	259.1	318.3	377.5	392.3	791.4	1323.5	1589.6	1772.6	2138.7	2413.3	2395.3
107.5°	319.3	374.5	429.7	443.5	795.5	1264.6	1499.2	1754.6	2265.3	2648.2	2652.6
110°	359.9	409.8	459.6	472.1	789.4	1212.4	1423.9	1709.4	2280.3	2708.5	2727.3

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	399.8	447.3	494.9	506.8	789.7	1166.8	1355.4	1647.6	2231.9	2670.1	2698.9
115°	460.1	503.9	547.8	558.8	796.9	1114.5	1273.3	1554.8	2117.7	2539.9	2579.8
117.5°	519.6	559.4	599.2	609.2	811.7	1081.8	1216.8	1470.8	1978.9	2359.8	2404.1
120°	554.2	591.7	629.2	638.5	823.8	1070.8	1194.3	1426.4	1890.5	2238.6	2281.6
122.5°	588.1	625.9	663.8	673.2	841.1	1064.9	1176.9	1385.9	1803.9	2117.4	2159.9
125°	640.0	674.5	709.0	717.6	864.4	1060.2	1158.1	1335.7	1690.8	1957.0	1996.2
127.5°	682.2	717.0	751.8	760.5	887.8	1057.5	1142.3	1294.7	1599.6	1828.2	1861.2
130°	704.8	742.2	779.7	789.1	904.8	1059.1	1136.2	1271.9	1543.4	1747.0	1777.4
132.5°	728.1	765.6	803.1	812.5	918.6	1060.2	1131.0	1252.5	1495.4	1677.6	1704.9
135°	762.8	796.9	831.1	839.6	933.8	1059.2	1121.9	1223.7	1427.2	1579.8	1603.3
137.5°	798.2	831.9	865.8	874.2	956.3	1065.7	1120.4	1206.4	1378.5	1507.5	1526.7
140°	827.5	858.6	889.8	897.6	970.1	1066.8	1115.2	1189.5	1338.1	1449.5	1467.5
142.5°	850.1	878.9	907.7	914.8	981.6	1070.6	1115.2	1180.4	1310.9	1408.9	1424.4
145°	884.8	909.9	935.0	941.3	996.8	1070.7	1107.6	1161.1	1267.8	1347.9	1359.6
147.5°	919.4	943.8	968.3	974.4	1018.8	1078.0	1107.6	1149.6	1233.6	1296.6	1306.3
150°	942.0	964.1	986.2	991.7	1030.3	1081.8	1107.6	1143.1	1214.1	1267.3	1275.2
152.5°	965.4	982.1	998.8	1003.0	1037.9	1084.4	1107.6	1138.0	1198.5	1244.0	1249.9
155°	999.9	1012.3	1024.7	1027.8	1054.4	1089.9	1107.6	1131.7	1180.0	1216.1	1220.0
157.5°	1025.5	1037.6	1049.7	1052.7	1071.0	1095.4	1107.6	1126.4	1163.9	1192.0	1194.7
160°	1042.9	1052.3	1061.7	1064.0	1078.6	1098.0	1107.6	1123.8	1155.9	1180.0	1181.6
162.5°	1060.2	1067.3	1074.3	1076.1	1086.6	1100.6	1107.6	1121.2	1148.3	1168.7	1170.2
165°	1079.0	1085.4	1091.7	1093.3	1098.1	1104.5	1107.6	1117.3	1136.8	1151.4	1153.0
167.5°	1096.3	1099.3	1102.4	1103.1	1107.1	1112.4	1115.2	1121.5	1134.3	1143.8	1144.4
170°	1107.6	1110.6	1113.7	1114.4	1114.7	1115.0	1115.2	1121.5	1134.3	1143.8	1143.8
172.5°	1113.7	1114.3	1115.0	1115.2	1115.2	1115.2	1115.2	1120.2	1130.3	1137.8	1137.2
175°	1121.9	1121.9	1121.9	1121.9	1119.7	1116.7	1115.2	1118.3	1124.7	1129.5	1129.5
177.5°	1121.9	1121.9	1121.9	1121.9	1120.2	1117.9	1116.7	1119.2	1124.2	1128.0	1127.4
180°	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4
2.5°	1962.3	1956.9	1962.3	1958.7	1960.5	1955.1	1938.8	1933.3	1938.8	1944.2	1944.2
5°	1985.8	1982.2	1985.8	1985.8	1984.0	1980.4	1962.3	1958.7	1962.3	1964.1	1960.5
7.5°	1993.1	1987.6	1993.1	1989.5	1989.5	1985.8	1967.7	1964.1	1965.9	1971.4	1965.9
10°	1993.1	1987.6	1993.1	1991.3	1989.5	1985.8	1967.7	1960.5	1960.5	1965.9	1960.5
12.5°	1984.0	1980.4	1984.0	1980.4	1980.4	1976.8	1958.7	1951.4	1953.2	1955.1	1947.8
15°	1969.5	1964.1	1969.5	1965.9	1967.7	1962.3	1942.4	1935.1	1935.1	1938.8	1926.1
17.5°	1947.8	1940.6	1947.8	1946.0	1944.2	1940.6	1922.5	1915.2	1913.4	1915.2	1906.2
20°	1922.5	1917.0	1922.5	1920.7	1920.7	1913.4	1895.3	1886.3	1886.3	1886.3	1877.2
22.5°	1882.6	1877.2	1882.6	1886.3	1886.3	1884.5	1868.2	1855.5	1851.9	1851.9	1841.0
25°	1837.4	1832.0	1837.4	1837.4	1835.6	1837.4	1832.0	1824.7	1819.3	1813.9	1803.0
27.5°	1793.9	1790.3	1793.9	1790.3	1793.9	1788.5	1786.7	1784.9	1777.6	1772.2	1757.7
30°	1750.5	1746.9	1750.5	1746.9	1743.2	1739.6	1730.6	1727.0	1734.2	1730.6	1707.0
32.5°	1696.2	1692.6	1696.2	1696.2	1692.6	1692.6	1678.1	1672.6	1674.5	1685.3	1663.6
35°	1640.1	1634.6	1640.1	1638.3	1640.1	1634.6	1625.6	1623.8	1616.5	1629.2	1612.9
37.5°	1574.9	1569.5	1574.9	1574.9	1574.9	1578.5	1571.3	1565.8	1555.0	1571.3	1558.6
40°	1507.9	1500.7	1507.9	1506.1	1507.9	1511.5	1507.9	1504.3	1493.4	1506.1	1495.2
42.5°	1431.9	1430.1	1431.9	1433.7	1433.7	1440.9	1446.4	1439.1	1435.5	1426.4	1433.7
45°	1350.4	1346.8	1350.4	1354.0	1355.8	1359.5	1375.8	1375.8	1370.3	1355.8	1366.7
47.5°	1263.5	1254.5	1263.5	1274.4	1274.4	1279.8	1296.1	1308.8	1299.7	1281.6	1287.0
50°	1171.2	1173.0	1171.2	1178.4	1178.4	1198.3	1211.0	1223.7	1232.7	1211.0	1185.7
52.5°	1080.7	1079.0	1080.7	1086.1	1093.3	1102.4	1124.1	1136.8	1151.3	1138.6	1098.8
55°	990.2	993.9	990.2	992.1	995.7	1001.1	1033.7	1046.4	1073.5	1057.2	1015.6
57.5°	899.7	894.3	899.7	903.4	905.2	910.6	937.7	961.3	977.6	979.4	928.7
60°	794.7	787.5	794.7	811.0	814.6	818.3	843.6	865.3	879.8	885.2	832.7
62.5°	702.4	689.7	702.4	713.3	720.5	729.6	747.7	780.2	792.9	794.7	720.5
65°	604.6	599.2	604.6	626.4	628.2	639.0	659.0	682.5	709.6	706.0	599.2
67.5°	515.9	515.9	515.9	530.4	541.3	546.7	572.1	582.9	617.3	620.9	499.6
70°	434.5	432.7	434.5	445.3	452.6	465.3	488.8	501.5	528.6	537.7	405.5
72.5°	356.6	354.8	356.6	365.7	372.9	383.8	403.7	418.2	441.7	452.6	315.0
75°	287.8	284.2	287.8	295.1	293.3	307.8	324.0	338.5	360.3	367.5	233.5
77.5°	220.9	220.9	220.9	228.1	228.1	242.6	249.8	267.9	280.6	291.5	172.0
80°	164.7	162.9	164.7	166.5	166.5	173.8	186.5	199.1	210.0	210.0	117.7
82.5°	115.9	112.2	115.9	115.9	115.9	119.5	126.7	130.3	137.6	143.0	74.2
85°	72.4	72.4	72.4	74.2	72.4	76.0	77.8	81.5	81.5	77.8	45.3
87.5°	47.1	45.3	47.1	45.3	45.3	43.4	43.4	43.4	41.6	39.8	25.3
90°	28.6	28.6	28.6	28.6	28.6	38.1	50.9	57.2	49.2	33.1	21.1
92.5°	114.7	91.9	114.7	137.4	143.1	202.8	282.4	322.2	283.0	204.3	145.4
95°	399.5	330.6	399.5	468.5	485.7	637.8	840.6	942.0	795.5	502.7	283.1
97.5°	957.2	826.0	957.2	1088.5	1121.2	1217.4	1345.5	1409.6	1165.5	677.2	311.0
100°	1379.2	1222.9	1379.2	1535.4	1574.5	1567.5	1558.1	1553.4	1282.5	740.7	334.4
102.5°	1794.2	1660.3	1794.2	1928.1	1961.6	1839.1	1675.7	1594.1	1319.3	769.7	357.6
105°	2323.4	2251.4	2323.4	2395.3	2413.3	2138.7	1772.6	1589.6	1323.5	791.4	392.3
107.5°	2670.0	2687.4	2670.0	2652.6	2648.2	2265.3	1754.6	1499.2	1264.6	795.5	443.5
110°	2802.2	2877.1	2802.2	2727.3	2708.5	2280.3	1709.4	1423.9	1212.4	789.4	472.1

TEST NUMBER: P935167

CATALOG NUMBER: SQ4-FA-100U-075D-93050-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2814.0	2929.1	2814.0	2698.9	2670.1	2231.9	1647.6	1355.4	1166.8	789.7	506.8
115°	2739.4	2899.0	2739.4	2579.8	2539.9	2117.7	1554.8	1273.3	1114.5	796.9	558.8
117.5°	2581.2	2758.2	2581.2	2404.1	2359.8	1978.9	1470.8	1216.8	1081.8	811.7	609.2
120°	2453.7	2625.7	2453.7	2281.6	2238.6	1890.5	1426.4	1194.3	1070.8	823.8	638.5
122.5°	2329.5	2499.1	2329.5	2159.9	2117.4	1803.9	1385.9	1176.9	1064.9	841.1	673.2
125°	2152.4	2308.7	2152.4	1996.2	1957.0	1690.8	1335.7	1158.1	1060.2	864.4	717.6
127.5°	1993.1	2125.0	1993.1	1861.2	1828.2	1599.6	1294.7	1142.3	1057.5	887.8	760.5
130°	1899.2	2021.0	1899.2	1777.4	1747.0	1543.4	1271.9	1136.2	1059.1	904.8	789.1
132.5°	1814.0	1923.1	1814.0	1704.9	1677.6	1495.4	1252.5	1131.0	1060.2	918.6	812.5
135°	1697.4	1791.4	1697.4	1603.3	1579.8	1427.2	1223.7	1121.9	1059.2	933.8	839.6
137.5°	1603.7	1680.7	1603.7	1526.7	1507.5	1378.5	1206.4	1120.4	1065.7	956.3	874.2
140°	1539.4	1611.4	1539.4	1467.5	1449.5	1338.1	1189.5	1115.2	1066.8	970.1	897.6
142.5°	1486.3	1548.2	1486.3	1424.4	1408.9	1310.9	1180.4	1115.2	1070.6	981.6	914.8
145°	1406.4	1453.2	1406.4	1359.6	1347.9	1267.8	1161.1	1107.6	1070.7	996.8	941.3
147.5°	1345.2	1384.0	1345.2	1306.3	1296.6	1233.6	1149.6	1107.6	1078.0	1018.8	974.4
150°	1306.6	1338.1	1306.6	1275.2	1267.3	1214.1	1143.1	1107.6	1081.8	1030.3	991.7
152.5°	1273.7	1297.4	1273.7	1249.9	1244.0	1198.5	1138.0	1107.6	1084.4	1037.9	1003.0
155°	1235.7	1251.5	1235.7	1220.0	1216.1	1180.0	1131.7	1107.6	1089.9	1054.4	1027.8
157.5°	1205.8	1216.8	1205.8	1194.7	1192.0	1163.9	1126.4	1107.6	1095.4	1071.0	1052.7
160°	1187.9	1194.3	1187.9	1181.6	1180.0	1155.9	1123.8	1107.6	1098.0	1078.6	1064.0
162.5°	1176.2	1182.2	1176.2	1170.2	1168.7	1148.3	1121.2	1107.6	1100.6	1086.6	1076.1
165°	1159.3	1165.7	1159.3	1153.0	1151.4	1136.8	1117.3	1107.6	1104.5	1098.1	1093.3
167.5°	1147.1	1149.8	1147.1	1144.4	1143.8	1134.3	1121.5	1115.2	1112.4	1107.1	1103.1
170°	1143.8	1143.8	1143.8	1143.8	1143.8	1134.3	1121.5	1115.2	1115.0	1114.7	1114.4
172.5°	1134.9	1132.5	1134.9	1137.2	1137.8	1130.3	1120.2	1115.2	1115.2	1115.2	1115.2
175°	1129.5	1129.5	1129.5	1129.5	1129.5	1124.7	1118.3	1115.2	1116.7	1119.7	1121.9
177.5°	1124.7	1121.9	1124.7	1127.4	1128.0	1124.2	1119.2	1116.7	1117.9	1120.2	1121.9
180°	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9

TEST NUMBER: P935167

CATALOG NUMBER: SQ4-FA-100U-075D-93050-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4
2.5°	1940.6	1929.7	1929.7	1911.6	1904.4	1898.9	1889.9	1862.7	1855.5	1848.2	1859.1
5°	1956.9	1937.0	1922.5	1889.9	1862.7	1851.9	1817.5	1752.3	1708.9	1676.3	1658.2
7.5°	1960.5	1935.1	1908.0	1857.3	1792.1	1763.2	1658.2	1538.7	1506.1	1477.1	1459.0
10°	1956.9	1927.9	1889.9	1813.9	1660.0	1609.3	1504.3	1426.4	1406.5	1401.1	1406.5
12.5°	1944.2	1917.0	1864.5	1737.8	1522.4	1488.0	1426.4	1381.2	1377.6	1386.6	1435.5
15°	1922.5	1897.1	1835.6	1636.4	1446.4	1421.0	1377.6	1361.3	1381.2	1444.5	1591.2
17.5°	1900.7	1871.8	1795.7	1536.9	1388.4	1370.3	1339.5	1372.1	1484.4	1569.5	1618.3
20°	1871.8	1837.4	1750.5	1464.5	1346.8	1330.5	1316.0	1462.6	1547.7	1578.5	1605.7
22.5°	1837.4	1801.2	1688.9	1413.8	1303.3	1290.7	1299.7	1513.3	1547.7	1569.5	1593.0
25°	1792.1	1761.4	1616.5	1373.9	1268.9	1254.5	1288.9	1507.9	1527.8	1533.3	1580.3
27.5°	1750.5	1710.7	1540.5	1337.7	1227.3	1221.9	1297.9	1484.4	1498.9	1504.3	1555.0
30°	1699.8	1640.1	1455.4	1299.7	1183.9	1182.0	1299.7	1455.4	1451.8	1466.3	1517.0
32.5°	1647.3	1535.1	1359.5	1252.7	1142.2	1140.4	1287.0	1412.0	1408.3	1428.3	1466.3
35°	1598.4	1453.6	1229.1	1198.3	1089.7	1091.5	1256.3	1361.3	1363.1	1381.2	1404.7
37.5°	1547.7	1383.0	1086.1	1138.6	1039.1	1039.1	1214.6	1314.2	1310.6	1316.0	1348.6
40°	1488.0	1272.6	959.5	1060.8	992.1	986.6	1163.9	1263.5	1250.8	1249.0	1294.3
42.5°	1424.6	1151.3	865.3	957.7	937.7	930.5	1102.4	1202.0	1178.4	1183.9	1241.8
45°	1355.8	1118.7	792.9	809.2	881.6	876.2	1035.5	1131.4	1115.1	1129.6	1189.3
47.5°	1287.0	1053.6	769.4	671.6	821.9	820.1	961.3	1062.7	1053.6	1068.1	1131.4
50°	1192.9	981.2	767.6	575.7	754.9	762.1	872.6	995.7	995.7	1008.3	1075.3
52.5°	1071.7	892.5	697.0	521.4	677.1	698.8	794.7	937.7	941.4	954.0	1013.8
55°	961.3	800.2	646.3	479.7	584.7	631.8	718.7	878.0	885.2	897.9	952.2
57.5°	859.9	666.2	635.4	430.9	499.6	544.9	651.7	820.1	823.7	834.6	887.1
60°	751.3	481.5	582.9	378.4	425.4	459.8	590.2	751.3	764.0	771.2	816.5
62.5°	628.2	349.4	528.6	342.2	389.2	396.5	539.5	686.1	702.4	707.8	735.0
65°	447.1	293.3	449.0	311.4	351.2	353.0	485.2	619.1	633.6	642.7	662.6
67.5°	302.3	239.0	342.2	282.4	322.2	324.0	432.7	541.3	561.2	568.4	581.1
70°	210.0	159.3	253.4	251.6	289.7	293.3	376.5	470.7	488.8	494.2	501.5
72.5°	153.9	128.5	210.0	226.3	255.3	258.9	318.6	391.0	409.1	414.6	418.2
75°	117.7	135.8	170.2	197.3	217.2	219.0	260.7	318.6	331.3	334.9	336.7
77.5°	94.1	126.7	124.9	159.3	177.4	173.8	204.6	246.2	257.1	257.1	257.1
80°	70.6	99.6	94.1	114.1	130.3	126.7	146.6	175.6	179.2	182.8	181.0
82.5°	52.5	63.4	63.4	72.4	86.9	83.3	97.8	114.1	114.1	114.1	117.7
85°	32.6	36.2	29.0	38.0	48.9	47.1	54.3	61.6	63.4	63.4	59.7
87.5°	19.9	16.3	9.1	14.5	21.7	21.7	25.3	27.2	25.3	25.3	25.3
90°	19.6	13.6	7.5	13.6	19.6	21.1	33.1	49.2	57.2	50.9	38.1
92.5°	132.6	81.4	30.1	81.4	132.6	145.4	204.3	283.0	322.2	282.4	202.8
95°	259.7	166.0	72.3	166.0	259.7	283.1	502.7	795.5	942.0	840.6	637.8
97.5°	290.4	207.6	125.0	207.6	290.4	311.0	677.2	1165.5	1409.6	1345.5	1217.4
100°	315.6	240.6	165.6	240.6	315.6	334.4	740.7	1282.5	1553.4	1558.1	1567.5
102.5°	340.2	270.2	200.3	270.2	340.2	357.6	769.7	1319.3	1594.1	1675.7	1839.1
105°	377.5	318.3	259.1	318.3	377.5	392.3	791.4	1323.5	1589.6	1772.6	2138.7
107.5°	429.7	374.5	319.3	374.5	429.7	443.5	795.5	1264.6	1499.2	1754.6	2265.3
110°	459.6	409.8	359.9	409.8	459.6	472.1	789.4	1212.4	1423.9	1709.4	2280.3

TEST NUMBER: P935167

CATALOG NUMBER: SQ4-FA-100U-075D-93050-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	494.9	447.3	399.8	447.3	494.9	506.8	789.7	1166.8	1355.4	1647.6	2231.9
115°	547.8	503.9	460.1	503.9	547.8	558.8	796.9	1114.5	1273.3	1554.8	2117.7
117.5°	599.2	559.4	519.6	559.4	599.2	609.2	811.7	1081.8	1216.8	1470.8	1978.9
120°	629.2	591.7	554.2	591.7	629.2	638.5	823.8	1070.8	1194.3	1426.4	1890.5
122.5°	663.8	625.9	588.1	625.9	663.8	673.2	841.1	1064.9	1176.9	1385.9	1803.9
125°	709.0	674.5	640.0	674.5	709.0	717.6	864.4	1060.2	1158.1	1335.7	1690.8
127.5°	751.8	717.0	682.2	717.0	751.8	760.5	887.8	1057.5	1142.3	1294.7	1599.6
130°	779.7	742.2	704.8	742.2	779.7	789.1	904.8	1059.1	1136.2	1271.9	1543.4
132.5°	803.1	765.6	728.1	765.6	803.1	812.5	918.6	1060.2	1131.0	1252.5	1495.4
135°	831.1	796.9	762.8	796.9	831.1	839.6	933.8	1059.2	1121.9	1223.7	1427.2
137.5°	865.8	831.9	798.2	831.9	865.8	874.2	956.3	1065.7	1120.4	1206.4	1378.5
140°	889.8	858.6	827.5	858.6	889.8	897.6	970.1	1066.8	1115.2	1189.5	1338.1
142.5°	907.7	878.9	850.1	878.9	907.7	914.8	981.6	1070.6	1115.2	1180.4	1310.9
145°	935.0	909.9	884.8	909.9	935.0	941.3	996.8	1070.7	1107.6	1161.1	1267.8
147.5°	968.3	943.8	919.4	943.8	968.3	974.4	1018.8	1078.0	1107.6	1149.6	1233.6
150°	986.2	964.1	942.0	964.1	986.2	991.7	1030.3	1081.8	1107.6	1143.1	1214.1
152.5°	998.8	982.1	965.4	982.1	998.8	1003.0	1037.9	1084.4	1107.6	1138.0	1198.5
155°	1024.7	1012.3	999.9	1012.3	1024.7	1027.8	1054.4	1089.9	1107.6	1131.7	1180.0
157.5°	1049.7	1037.6	1025.5	1037.6	1049.7	1052.7	1071.0	1095.4	1107.6	1126.4	1163.9
160°	1061.7	1052.3	1042.9	1052.3	1061.7	1064.0	1078.6	1098.0	1107.6	1123.8	1155.9
162.5°	1074.3	1067.3	1060.2	1067.3	1074.3	1076.1	1086.6	1100.6	1107.6	1121.2	1148.3
165°	1091.7	1085.4	1079.0	1085.4	1091.7	1093.3	1098.1	1104.5	1107.6	1117.3	1136.8
167.5°	1102.4	1099.3	1096.3	1099.3	1102.4	1103.1	1107.1	1112.4	1115.2	1121.5	1134.3
170°	1113.7	1110.6	1107.6	1110.6	1113.7	1114.4	1114.7	1115.0	1115.2	1121.5	1134.3
172.5°	1115.0	1114.3	1113.7	1114.3	1115.0	1115.2	1115.2	1115.2	1115.2	1120.2	1130.3
175°	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1119.7	1116.7	1115.2	1118.3	1124.7
177.5°	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1120.2	1117.9	1116.7	1119.2	1124.2
180°	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9

TEST NUMBER: P935167

CATALOG NUMBER: SQ4-FA-100U-075D-93050-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4
2.5°	1846.4	1841.0	1848.2	1828.3	1848.2	1841.0	1846.4	1859.1	1848.2	1855.5	1862.7
5°	1620.1	1611.1	1582.1	1558.6	1582.1	1611.1	1620.1	1658.2	1676.3	1708.9	1752.3
7.5°	1448.2	1440.9	1433.7	1419.2	1433.7	1440.9	1448.2	1459.0	1477.1	1506.1	1538.7
10°	1410.2	1412.0	1422.8	1421.0	1422.8	1412.0	1410.2	1406.5	1401.1	1406.5	1426.4
12.5°	1507.9	1524.2	1583.9	1580.3	1583.9	1524.2	1507.9	1435.5	1386.6	1377.6	1381.2
15°	1620.1	1625.6	1638.3	1640.1	1638.3	1625.6	1620.1	1591.2	1444.5	1381.2	1361.3
17.5°	1631.0	1632.8	1641.9	1641.9	1641.9	1632.8	1631.0	1618.3	1569.5	1484.4	1372.1
20°	1622.0	1625.6	1643.7	1647.3	1643.7	1625.6	1622.0	1605.7	1578.5	1547.7	1462.6
22.5°	1618.3	1625.6	1640.1	1638.3	1640.1	1625.6	1618.3	1593.0	1569.5	1547.7	1513.3
25°	1600.2	1600.2	1602.0	1603.9	1602.0	1600.2	1600.2	1580.3	1533.3	1527.8	1507.9
27.5°	1562.2	1565.8	1576.7	1574.9	1576.7	1565.8	1562.2	1555.0	1504.3	1498.9	1484.4
30°	1527.8	1524.2	1515.1	1507.9	1515.1	1524.2	1527.8	1517.0	1466.3	1451.8	1455.4
32.5°	1469.9	1460.8	1451.8	1446.4	1451.8	1460.8	1469.9	1466.3	1428.3	1408.3	1412.0
35°	1401.1	1402.9	1401.1	1395.7	1401.1	1402.9	1401.1	1404.7	1381.2	1363.1	1361.3
37.5°	1352.2	1355.8	1354.0	1346.8	1354.0	1355.8	1352.2	1348.6	1316.0	1310.6	1314.2
40°	1301.5	1303.3	1301.5	1296.1	1301.5	1303.3	1301.5	1294.3	1249.0	1250.8	1263.5
42.5°	1252.7	1250.8	1245.4	1241.8	1245.4	1250.8	1252.7	1241.8	1183.9	1178.4	1202.0
45°	1196.5	1198.3	1187.5	1182.0	1187.5	1198.3	1196.5	1189.3	1129.6	1115.1	1131.4
47.5°	1140.4	1140.4	1131.4	1125.9	1131.4	1140.4	1140.4	1131.4	1068.1	1053.6	1062.7
50°	1080.7	1079.0	1066.3	1064.5	1066.3	1079.0	1080.7	1075.3	1008.3	995.7	995.7
52.5°	1012.0	1012.0	1013.8	1017.4	1013.8	1012.0	1012.0	1013.8	954.0	941.4	937.7
55°	952.2	954.0	966.7	970.3	966.7	954.0	952.2	952.2	897.9	885.2	878.0
57.5°	890.7	890.7	899.7	899.7	899.7	890.7	890.7	887.1	834.6	823.7	820.1
60°	820.1	823.7	830.9	829.1	830.9	823.7	820.1	816.5	771.2	764.0	751.3
62.5°	745.9	749.5	751.3	747.7	751.3	749.5	745.9	735.0	707.8	702.4	686.1
65°	668.0	671.6	673.4	669.8	673.4	671.6	668.0	662.6	642.7	633.6	619.1
67.5°	588.4	586.5	584.7	592.0	584.7	586.5	588.4	581.1	568.4	561.2	541.3
70°	506.9	506.9	505.1	508.7	505.1	506.9	506.9	501.5	494.2	488.8	470.7
72.5°	420.0	418.2	425.4	420.0	425.4	418.2	420.0	418.2	414.6	409.1	391.0
75°	334.9	338.5	334.9	340.3	334.9	338.5	334.9	336.7	334.9	331.3	318.6
77.5°	255.3	258.9	255.3	255.3	255.3	258.9	255.3	257.1	257.1	257.1	246.2
80°	181.0	179.2	179.2	177.4	179.2	179.2	181.0	181.0	182.8	179.2	175.6
82.5°	115.9	114.1	114.1	117.7	114.1	114.1	115.9	117.7	114.1	114.1	114.1
85°	63.4	65.2	61.6	61.6	61.6	65.2	63.4	59.7	63.4	63.4	61.6
87.5°	23.5	21.7	21.7	21.7	21.7	21.7	23.5	25.3	25.3	25.3	27.2
90°	28.6	28.6	28.6	28.6	28.6	28.6	28.6	38.1	50.9	57.2	49.2
92.5°	143.1	137.4	114.7	91.9	114.7	137.4	143.1	202.8	282.4	322.2	283.0
95°	485.7	468.5	399.5	330.6	399.5	468.5	485.7	637.8	840.6	942.0	795.5
97.5°	1121.2	1088.5	957.2	826.0	957.2	1088.5	1121.2	1217.4	1345.5	1409.6	1165.5
100°	1574.5	1535.4	1379.2	1222.9	1379.2	1535.4	1574.5	1567.5	1558.1	1553.4	1282.5
102.5°	1961.6	1928.1	1794.2	1660.3	1794.2	1928.1	1961.6	1839.1	1675.7	1594.1	1319.3
105°	2413.3	2395.3	2323.4	2251.4	2323.4	2395.3	2413.3	2138.7	1772.6	1589.6	1323.5
107.5°	2648.2	2652.6	2670.0	2687.4	2670.0	2652.6	2648.2	2265.3	1754.6	1499.2	1264.6
110°	2708.5	2727.3	2802.2	2877.1	2802.2	2727.3	2708.5	2280.3	1709.4	1423.9	1212.4

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2670.1	2698.9	2814.0	2929.1	2814.0	2698.9	2670.1	2231.9	1647.6	1355.4	1166.8
115°	2539.9	2579.8	2739.4	2899.0	2739.4	2579.8	2539.9	2117.7	1554.8	1273.3	1114.5
117.5°	2359.8	2404.1	2581.2	2758.2	2581.2	2404.1	2359.8	1978.9	1470.8	1216.8	1081.8
120°	2238.6	2281.6	2453.7	2625.7	2453.7	2281.6	2238.6	1890.5	1426.4	1194.3	1070.8
122.5°	2117.4	2159.9	2329.5	2499.1	2329.5	2159.9	2117.4	1803.9	1385.9	1176.9	1064.9
125°	1957.0	1996.2	2152.4	2308.7	2152.4	1996.2	1957.0	1690.8	1335.7	1158.1	1060.2
127.5°	1828.2	1861.2	1993.1	2125.0	1993.1	1861.2	1828.2	1599.6	1294.7	1142.3	1057.5
130°	1747.0	1777.4	1899.2	2021.0	1899.2	1777.4	1747.0	1543.4	1271.9	1136.2	1059.1
132.5°	1677.6	1704.9	1814.0	1923.1	1814.0	1704.9	1677.6	1495.4	1252.5	1131.0	1060.2
135°	1579.8	1603.3	1697.4	1791.4	1697.4	1603.3	1579.8	1427.2	1223.7	1121.9	1059.2
137.5°	1507.5	1526.7	1603.7	1680.7	1603.7	1526.7	1507.5	1378.5	1206.4	1120.4	1065.7
140°	1449.5	1467.5	1539.4	1611.4	1539.4	1467.5	1449.5	1338.1	1189.5	1115.2	1066.8
142.5°	1408.9	1424.4	1486.3	1548.2	1486.3	1424.4	1408.9	1310.9	1180.4	1115.2	1070.6
145°	1347.9	1359.6	1406.4	1453.2	1406.4	1359.6	1347.9	1267.8	1161.1	1107.6	1070.7
147.5°	1296.6	1306.3	1345.2	1384.0	1345.2	1306.3	1296.6	1233.6	1149.6	1107.6	1078.0
150°	1267.3	1275.2	1306.6	1338.1	1306.6	1275.2	1267.3	1214.1	1143.1	1107.6	1081.8
152.5°	1244.0	1249.9	1273.7	1297.4	1273.7	1249.9	1244.0	1198.5	1138.0	1107.6	1084.4
155°	1216.1	1220.0	1235.7	1251.5	1235.7	1220.0	1216.1	1180.0	1131.7	1107.6	1089.9
157.5°	1192.0	1194.7	1205.8	1216.8	1205.8	1194.7	1192.0	1163.9	1126.4	1107.6	1095.4
160°	1180.0	1181.6	1187.9	1194.3	1187.9	1181.6	1180.0	1155.9	1123.8	1107.6	1098.0
162.5°	1168.7	1170.2	1176.2	1182.2	1176.2	1170.2	1168.7	1148.3	1121.2	1107.6	1100.6
165°	1151.4	1153.0	1159.3	1165.7	1159.3	1153.0	1151.4	1136.8	1117.3	1107.6	1104.5
167.5°	1143.8	1144.4	1147.1	1149.8	1147.1	1144.4	1143.8	1134.3	1121.5	1115.2	1112.4
170°	1143.8	1143.8	1143.8	1143.8	1143.8	1143.8	1143.8	1134.3	1121.5	1115.2	1115.0
172.5°	1137.8	1137.2	1134.9	1132.5	1134.9	1137.2	1137.8	1130.3	1120.2	1115.2	1115.2
175°	1129.5	1129.5	1129.5	1129.5	1129.5	1129.5	1129.5	1124.7	1118.3	1115.2	1116.7
177.5°	1128.0	1127.4	1124.7	1121.9	1124.7	1127.4	1128.0	1124.2	1119.2	1116.7	1117.9
180°	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9	1121.9

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1913.4	1913.4	1913.4	1913.4	1913.4
2.5°	1889.9	1898.9	1904.4	1911.6	1929.7
5°	1817.5	1851.9	1862.7	1889.9	1922.5
7.5°	1658.2	1763.2	1792.1	1857.3	1908.0
10°	1504.3	1609.3	1660.0	1813.9	1889.9
12.5°	1426.4	1488.0	1522.4	1737.8	1864.5
15°	1377.6	1421.0	1446.4	1636.4	1835.6
17.5°	1339.5	1370.3	1388.4	1536.9	1795.7
20°	1316.0	1330.5	1346.8	1464.5	1750.5
22.5°	1299.7	1290.7	1303.3	1413.8	1688.9
25°	1288.9	1254.5	1268.9	1373.9	1616.5
27.5°	1297.9	1221.9	1227.3	1337.7	1540.5
30°	1299.7	1182.0	1183.9	1299.7	1455.4
32.5°	1287.0	1140.4	1142.2	1252.7	1359.5
35°	1256.3	1091.5	1089.7	1198.3	1229.1
37.5°	1214.6	1039.1	1039.1	1138.6	1086.1
40°	1163.9	986.6	992.1	1060.8	959.5
42.5°	1102.4	930.5	937.7	957.7	865.3
45°	1035.5	876.2	881.6	809.2	792.9
47.5°	961.3	820.1	821.9	671.6	769.4
50°	872.6	762.1	754.9	575.7	767.6
52.5°	794.7	698.8	677.1	521.4	697.0
55°	718.7	631.8	584.7	479.7	646.3
57.5°	651.7	544.9	499.6	430.9	635.4
60°	590.2	459.8	425.4	378.4	582.9
62.5°	539.5	396.5	389.2	342.2	528.6
65°	485.2	353.0	351.2	311.4	449.0
67.5°	432.7	324.0	322.2	282.4	342.2
70°	376.5	293.3	289.7	251.6	253.4
72.5°	318.6	258.9	255.3	226.3	210.0
75°	260.7	219.0	217.2	197.3	170.2
77.5°	204.6	173.8	177.4	159.3	124.9
80°	146.6	126.7	130.3	114.1	94.1
82.5°	97.8	83.3	86.9	72.4	63.4
85°	54.3	47.1	48.9	38.0	29.0
87.5°	25.3	21.7	21.7	14.5	9.1
90°	33.1	21.1	19.6	13.6	7.5
92.5°	204.3	145.4	132.6	81.4	30.1
95°	502.7	283.1	259.7	166.0	72.3
97.5°	677.2	311.0	290.4	207.6	125.0
100°	740.7	334.4	315.6	240.6	165.6
102.5°	769.7	357.6	340.2	270.2	200.3
105°	791.4	392.3	377.5	318.3	259.1
107.5°	795.5	443.5	429.7	374.5	319.3
110°	789.4	472.1	459.6	409.8	359.9

TEST NUMBER: P935167

CATALOG NUMBER: SQ4-FA-100U-075D-93050-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	789.7	506.8	494.9	447.3	399.8
115°	796.9	558.8	547.8	503.9	460.1
117.5°	811.7	609.2	599.2	559.4	519.6
120°	823.8	638.5	629.2	591.7	554.2
122.5°	841.1	673.2	663.8	625.9	588.1
125°	864.4	717.6	709.0	674.5	640.0
127.5°	887.8	760.5	751.8	717.0	682.2
130°	904.8	789.1	779.7	742.2	704.8
132.5°	918.6	812.5	803.1	765.6	728.1
135°	933.8	839.6	831.1	796.9	762.8
137.5°	956.3	874.2	865.8	831.9	798.2
140°	970.1	897.6	889.8	858.6	827.5
142.5°	981.6	914.8	907.7	878.9	850.1
145°	996.8	941.3	935.0	909.9	884.8
147.5°	1018.8	974.4	968.3	943.8	919.4
150°	1030.3	991.7	986.2	964.1	942.0
152.5°	1037.9	1003.0	998.8	982.1	965.4
155°	1054.4	1027.8	1024.7	1012.3	999.9
157.5°	1071.0	1052.7	1049.7	1037.6	1025.5
160°	1078.6	1064.0	1061.7	1052.3	1042.9
162.5°	1086.6	1076.1	1074.3	1067.3	1060.2
165°	1098.1	1093.3	1091.7	1085.4	1079.0
167.5°	1107.1	1103.1	1102.4	1099.3	1096.3
170°	1114.7	1114.4	1113.7	1110.6	1107.6
172.5°	1115.2	1115.2	1115.0	1114.3	1113.7
175°	1119.7	1121.9	1121.9	1121.9	1121.9
177.5°	1120.2	1121.9	1121.9	1121.9	1121.9
180°	1121.9	1121.9	1121.9	1121.9	1121.9

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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	11.45	12.24	12.49	13.28	14.68	14.29	15.08	15.33	16.12	17.52
	3H	11.93	12.63	12.97	13.68	15.10	15.63	16.34	16.68	17.38	18.80
	4H	12.11	12.78	13.17	13.83	15.26	16.08	16.74	17.13	17.79	19.22
	6H	12.23	12.84	13.29	13.89	15.33	16.36	16.97	17.42	18.03	19.46
	8H	12.23	12.81	13.30	13.88	15.31	16.43	17.01	17.50	18.09	19.52
	12H	12.19	12.75	13.27	13.81	15.27	16.47	17.02	17.54	18.09	19.55
4H	2H	12.48	13.14	13.54	14.20	15.62	14.69	15.36	15.75	16.41	17.83
	3H	13.50	14.05	14.57	15.13	16.57	16.19	16.75	17.26	17.83	19.26
	4H	13.77	14.28	14.85	15.35	16.81	16.72	17.23	17.79	18.30	19.76
	6H	13.89	14.33	14.98	15.42	16.88	17.08	17.52	18.17	18.61	20.07
	8H	13.90	14.30	14.98	15.39	16.86	17.19	17.59	18.27	18.68	20.15
	12H	13.86	14.23	14.96	15.33	16.80	17.24	17.61	18.34	18.71	20.18
8H	4H	14.22	14.63	15.31	15.71	17.18	16.84	17.24	17.92	18.33	19.80
	6H	14.48	14.81	15.59	15.94	17.41	17.27	17.61	18.38	18.74	20.20
	8H	14.52	14.81	15.63	15.92	17.41	17.42	17.72	18.54	18.83	20.32
	12H	14.50	14.76	15.62	15.87	17.39	17.52	17.78	18.64	18.88	20.41
12H	4H	14.22	14.59	15.33	15.69	17.17	16.80	17.17	17.90	18.26	19.74
	6H	14.54	14.83	15.65	15.94	17.43	17.27	17.56	18.38	18.67	20.16
	8H	14.60	14.86	15.72	15.97	17.49	17.43	17.69	18.55	18.79	20.32

END OF REPORT